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| Completion Date | Task | Task Review of task |
| 08/02/2023 | 1 – JavaScript Basics | All tasks completed with no issues in 30 minutes. |
| 15/02/2023 | 2 – JavaScript Decisions (Selection and Iteration) | All tasks completed during the lab, except the last question which I completed at home afterwards. Had some issues with the last two (“makeString()” and “makeString2()”) but was able to complete them after some debugging. |
| 22/02/2023 | 3 – JavaScript Function and Objects | All tasks completed in an hour with only one issue with declaring anonymous functions, but Kevin helped me work it out. |
| 01/03/2023 | 4 – JavaScript DOM Manipulation | All tasks completed in an hour and a half. Had some small issues that were fixed with some debugging. |
| 15/03/2023 | 5 – JavaScript Event Handling | All tasks completed in an hour with no issues. |
| 22/03/2023 | 6 – Python Data, Logic and Loops | All tasks completed in 20 minutes with no issues, as I have done Python before. |
| 29/03/2023 | 7 – Python Functions, IO and Exceptions | All tasks completed in 30 minutes with a couple of minor issues, which Kevin helped me with, and we were able to fix. |
| 26/04/2023 | 8 – Python Introduction to Flask | All tasks completed in 30 minutes with a couple small issues, like forgetting to cast the request args to an integer before comparing it to another integer. |
| 27/04/2023 | Coursework – Flask API | Started with the APP Student template, but plan on heavily modifying it. Created and completed the API GET and PUT methods in Flask, untested yet, will test them once I have done the web design & JS. |
| 28/04/2023 | Coursework – Web Design | Created the basic web design with HTML and CSS. It is good enough to now move on to the JS, but I will probably come back to it at some point and make it look nicer. |
| 01/05/2023 | Coursework - JavaScript | Started doing some of the JS. The first thing I have started with is the function to get all the entries on my to-do list from Flask when the DOM has loaded. This function works properly and displays the summary of an item in the list. This also shows that my API GET method created previously in python using Flask does work as expected, as it is displaying the test data I created in the JSON file.  Also have started the function to upload all the JSON data via the API but have not finished this yet. |
| 05/05/2023 | Coursework – HTML & JS | Experimenting with different ways to display all the data in one go, as I feel this would work better with a sort by feature and filter. Currently thinking I might use a table to display it all, but I will have to modify the JS I made previously to work with a table. Also will have to remove the selected entry from the HTML if I go forward with this plan. |
| 08/05/2023 | Coursework – HTML & JS | Working on making it so the data is all shown in a big table, with the option to edit or delete records directly in the table. This has been a challenge, but I know I am able to do it, it will just take more time than the other method.  Completed the HTML, still have to finish the JavaScript. |
| 13/05/2023 | Coursework – JavaScript | Finished most of the JavaScript, just need to allow the user to delete records (at the moment the button does nothing), and need to use checks to ensure that the journals cannot be uploaded while an entry is being edited, as this will upload the whole <input> HTML tag to the API, which would not be good. I will add a check to make sure none of the elements are being edited when uploading. |
| 14/05/2023 | Coursework – HTML, JS and Docs | Added the check I mentioned in the previous entry, to check to make sure the data cannot be uploaded while being edited. Also fixed some issues I had not tested properly before, including dates not updating when editing an entry, and making it so you cannot edit the ID and creation date of an entry when you click “Edit”.  Also completed the delete entry function, in which I added a confirmation box to confirm the user does want to delete the entry, just in case someone accidentally pressed the button to delete an entry.  Today I also used “pydoc-fork” in Replit to generate a documentation file for my “main.py”, and also used “jsdoc” on my computer to create documentation for my “app.js” file, both of which I have placed in the “docs” folder. |
| 15/05/2023 | Coursework – Additional Feature | Started working on the “sort” additional feature. I am going to also allow the user to select what they want to sort by, eg: ID, Priority, Due Date etc.  Finished this feature later on in the day, and have fully tested it, and it works as expected and as I wanted.  I also regenerated JS Docs today (as I added more functions for the additional feature) and also put some realistic data into the JSON file, replacing my test data. |
| 17/05/2023 | Coursework – Video Presentation | Today I recorded the video presentation on my computer, using OBS. I have checked, and this video does play in VLC player, as required. |
| 18/05/2023 | Coursework – Video Presentation and Assignment Submission | Today I recorded a brief explanation of the sort JavaScript function to add to my video presentation, and edited it a tiny bit, so I could voice over some points that I explained slightly confusingly, to make it easier to understand. The final edit video plays in VLC, and is 4 minutes 58 seconds in length.  I also submitted final versions of the video, this journal, and the source code today. |